

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P320659

Luminaire Tested: **GAN-SA5D-740-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320659  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA5D-740-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 70 CRI, 4000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34081 lumens  
Efficiency: N/A  
Efficacy: 106.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

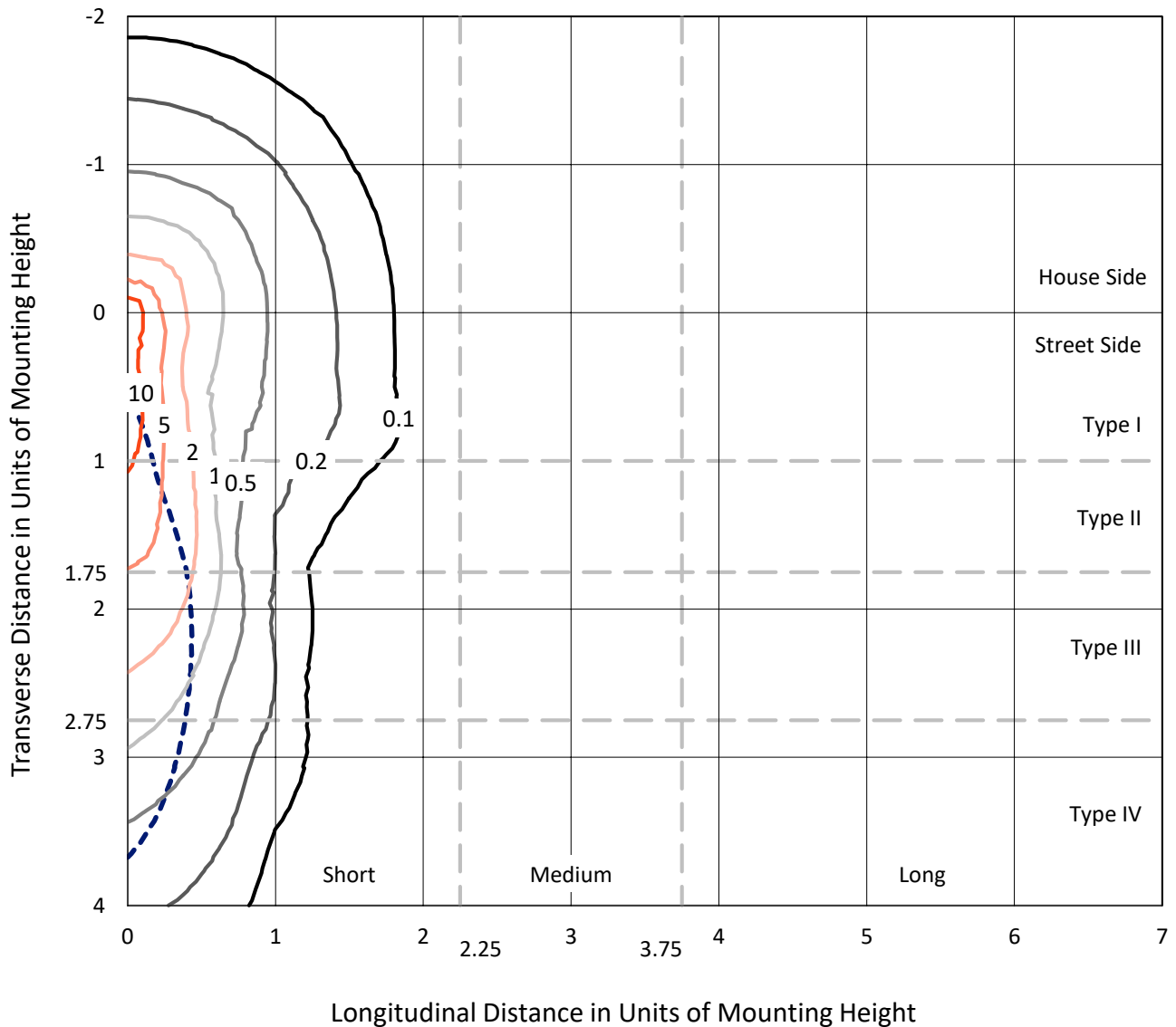
Input Watts (W): 320  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

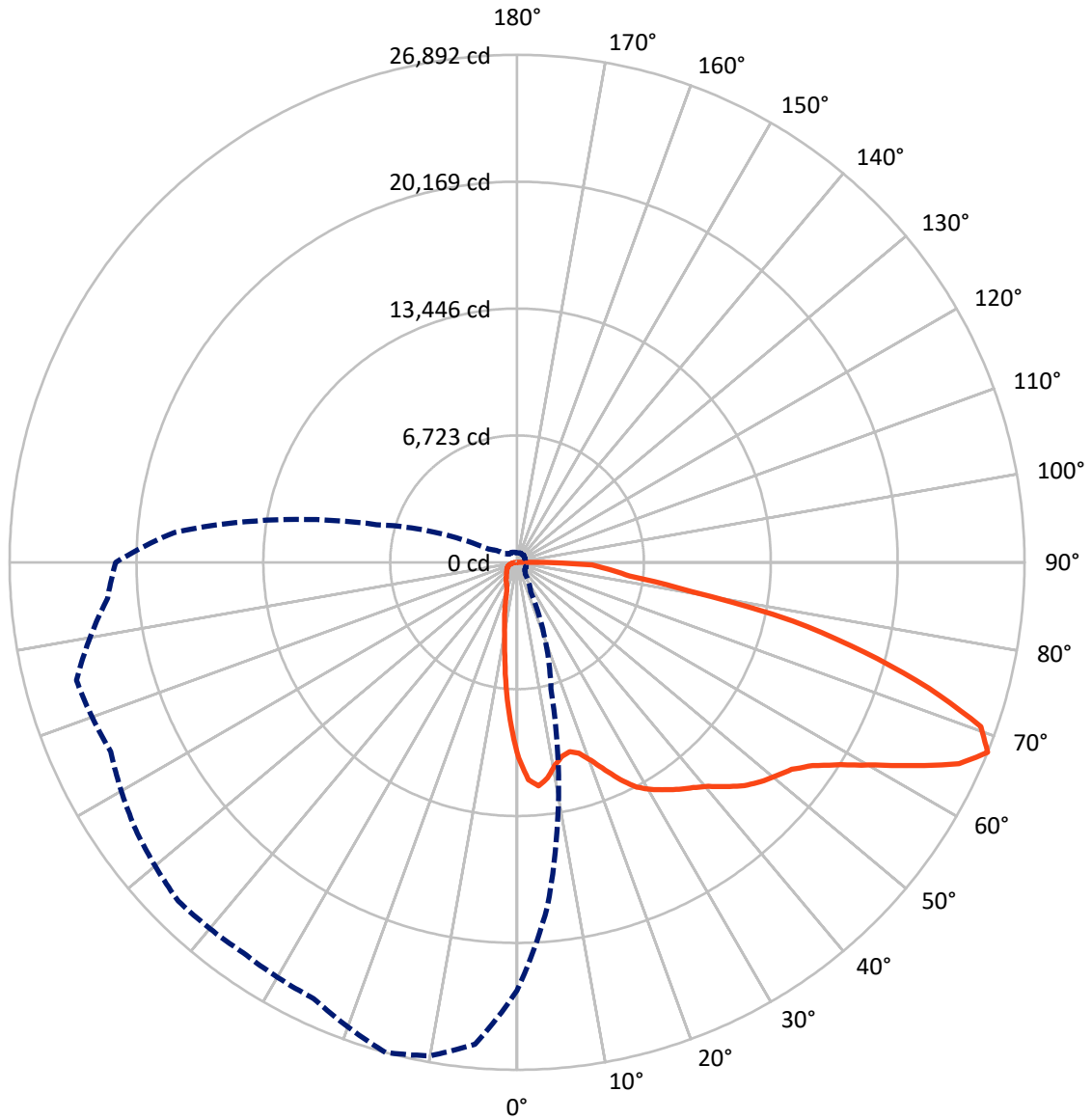
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.6 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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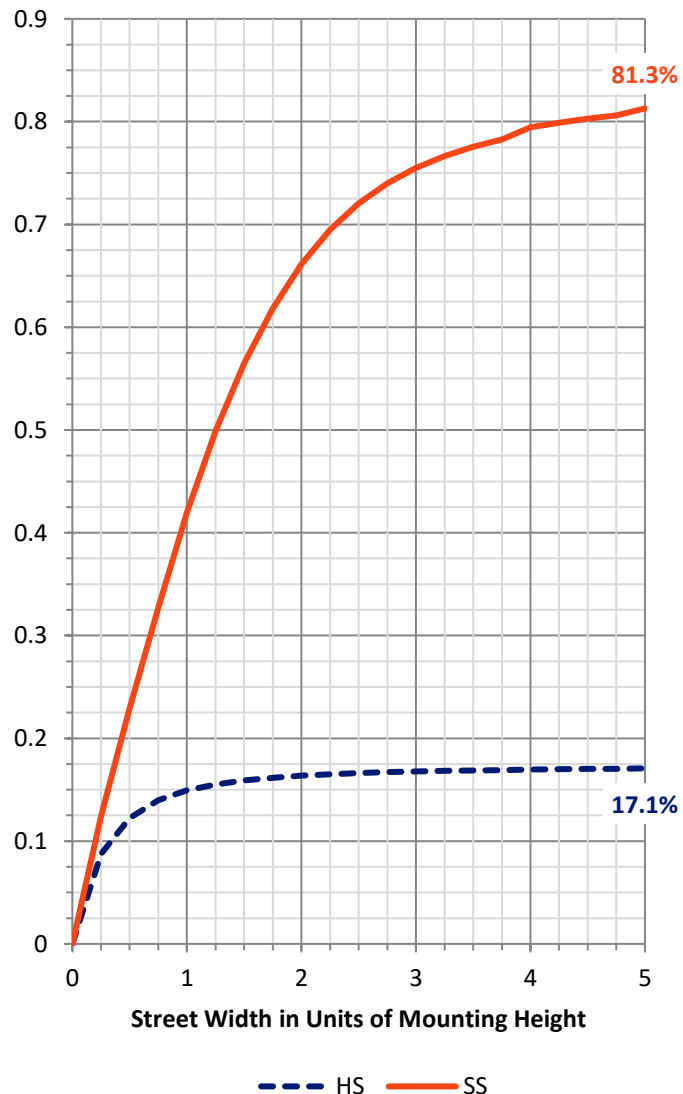
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5891.9	0.0	5891.9
	% Fixture	17.3	0.0	17.3
<b>Street Side</b>	Lumens	28189.1	0.0	28189.1
	% Fixture	82.7	0.0	82.7
<b>Total</b>	Lumens	34081.0	0.0	34081.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	801.3	2.4
10°-20°	1664.7	4.9
20°-30°	2367.5	6.9
30°-40°	3411.6	10.0
40°-50°	4808.0	14.1
50°-60°	6683.9	19.6
60°-70°	8082.8	23.7
70°-80°	4968.4	14.6
80°-90°	1292.8	3.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	34081.0	100.0
0°-180°	34081.0	100.0

**Coefficient of Utilization**

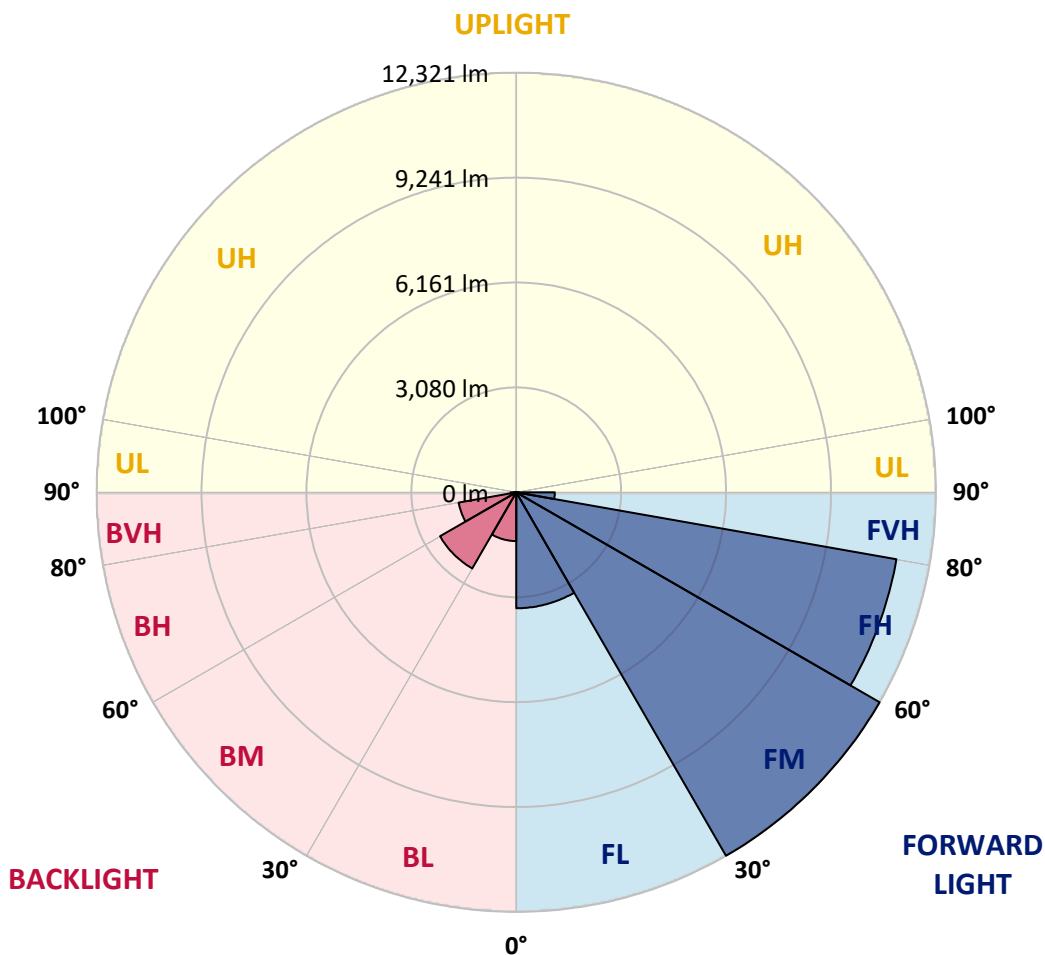


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	3403.1	10.0			
FM (30°-60°)	12321.1	36.2			
FH (60°-80°)	11334.2	33.3			G4/12000
FVH (80°-90°)	1130.7	3.3			G5
BL (0°-30°)	1430.5	4.2	B3/2500		
BM (30°-60°)	2582.3	7.6	B3/5000		
BH (60°-80°)	1717.0	5.0	B3/2500		G3/2500
BVH (80°-90°)	162.1	0.5			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G5**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	11122.9	11024.8	10876.3	10727.8	10617.4	10505.6	10378.9	10252.2	10107.8	9962.0	9876.1
5°	10939.0	10666.4	10312.2	9957.9	9723.5	9489.1	9223.4	8957.7	8694.8	8431.8	8290.1
7.5°	10110.5	9701.7	9241.2	8780.6	8439.9	8097.9	7730.0	7360.8	7033.7	6705.4	6502.3
10°	9295.7	8805.1	8276.4	7746.4	7310.3	6874.3	6505.1	6134.4	5887.8	5641.2	5454.5
12.5°	8711.1	8167.4	7585.6	7002.4	6566.4	6130.3	5896.0	5661.6	5457.2	5252.8	5037.5
15°	8479.5	7864.9	7269.5	6672.7	6276.1	5879.6	5619.4	5357.7	5083.9	4808.6	4544.3
17.5°	8683.9	7964.4	7317.2	6669.9	6150.8	5631.6	5267.8	4902.6	4541.5	4180.5	3873.9
20°	9321.5	8403.2	7557.0	6709.4	6018.6	5327.8	4840.0	4350.8	3887.5	3424.2	3076.8
22.5°	10216.8	9001.3	7896.3	6791.2	5898.7	5004.8	4393.0	3779.9	3232.1	2684.3	2343.7
25°	11304.1	9794.4	8385.4	6975.1	5849.6	4722.8	3970.6	3218.5	2640.7	2061.6	1819.1
27.5°	12450.1	10740.0	8993.2	7244.9	5857.8	4470.7	3615.0	2757.9	2237.4	1716.9	1550.6
30°	13405.3	11820.6	9701.7	7581.5	5889.2	4196.8	3279.8	2362.7	1933.5	1504.3	1396.7
32.5°	14278.7	12574.1	10235.9	7896.3	5924.6	3951.5	3020.9	2088.9	1738.7	1387.1	1298.6
35°	15180.7	13243.1	10609.2	7973.9	5863.3	3751.2	2843.7	1936.3	1613.3	1289.0	1214.1
37.5°	16174.1	13966.7	10968.9	7969.8	5759.7	3549.6	2706.1	1861.3	1531.6	1200.5	1145.9
40°	17281.9	14766.5	11358.6	7950.8	5665.7	3379.2	2603.9	1827.2	1486.6	1144.6	1098.3
42.5°	18365.1	15529.6	11721.1	7912.6	5589.4	3264.8	2503.1	1741.4	1445.7	1148.7	1083.3
45°	19178.6	16195.9	12035.8	7874.5	5532.2	3189.8	2424.1	1658.3	1407.6	1156.8	1073.7
47.5°	19795.9	16864.9	12384.7	7903.1	5526.7	3150.3	2368.2	1586.1	1335.3	1083.3	1049.2
50°	20580.7	17668.8	12892.9	8117.0	5601.6	3086.3	2302.8	1517.9	1265.9	1013.8	1060.1
52.5°	21557.7	18816.1	13680.5	8543.5	5758.3	2973.2	2199.2	1425.3	1181.4	936.1	1008.3
55°	22992.5	20286.4	14687.5	9087.2	5947.7	2807.0	2042.5	1276.8	1069.6	861.2	925.2
57.5°	24280.2	21771.6	15653.5	9534.1	6066.3	2597.1	1845.0	1092.8	944.3	795.8	832.5
60°	24853.8	22537.4	16105.9	9673.1	5995.4	2317.8	1622.9	926.6	833.9	741.3	734.4
62.5°	24630.4	22051.0	15660.4	9269.8	5649.3	2028.9	1426.6	824.4	754.9	684.0	669.0
65°	23976.3	20522.1	14412.2	8302.3	5064.8	1827.2	1302.6	778.0	700.4	622.7	606.4
67.5°	22687.3	18346.0	12643.6	6941.1	4322.2	1703.3	1231.8	760.3	666.3	570.9	551.9
70°	20373.6	15727.1	10606.5	5484.5	3556.4	1626.9	1185.5	744.0	629.5	513.7	496.0
72.5°	16734.1	12609.5	8469.9	4329.0	2973.2	1617.4	1180.0	742.6	599.5	456.5	440.1
75°	11981.3	9577.7	6465.5	3352.0	2435.0	1517.9	1120.1	722.2	558.7	393.8	378.8
77.5°	8062.5	6629.0	4493.9	2357.3	1806.8	1256.3	941.6	626.8	478.3	329.7	314.8
80°	5177.9	4587.9	3011.3	1434.8	1171.8	908.9	673.1	437.4	348.8	258.9	246.6
82.5°	3798.9	3414.7	2093.0	771.2	651.3	530.1	411.5	293.0	238.5	184.0	178.5
85°	2414.5	2662.5	1541.1	419.7	343.4	267.1	220.7	174.4	137.6	100.8	100.8
87.5°	468.7	648.6	426.5	203.0	148.5	94.0	80.4	65.4	36.8	6.8	8.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	9788.9	9694.9	9600.9	9494.6	9387.0	9287.5	9186.6	9076.3	9096.7	9012.2	8927.8
5°	8148.3	7998.5	7847.2	7716.4	7585.6	7472.5	7358.0	7255.8	7344.4	7284.5	7224.5
7.5°	6297.9	6112.6	5925.9	5769.2	5612.5	5491.3	5368.6	5284.2	5371.4	5360.5	5349.6
10°	5267.8	5087.9	4906.7	4733.7	4560.6	4413.5	4264.9	4139.6	4117.8	4055.1	3991.1
12.5°	4820.9	4574.2	4326.3	4145.0	3963.8	3788.0	3612.3	3465.1	3398.3	3294.8	3189.8
15°	4279.9	3988.3	3696.7	3491.0	3283.9	3113.5	2941.9	2815.1	2772.9	2692.5	2612.1
17.5°	3567.3	3248.4	2929.6	2721.1	2511.3	2375.0	2237.4	2152.9	2152.9	2129.7	2106.6
20°	2729.3	2444.5	2159.7	2000.3	1840.9	1768.7	1695.1	1659.6	1670.5	1671.9	1671.9
22.5°	2001.7	1827.2	1652.8	1588.8	1523.4	1497.5	1471.6	1456.6	1462.1	1463.4	1464.8
25°	1576.5	1509.8	1441.6	1408.9	1374.9	1358.5	1342.2	1336.7	1349.0	1350.3	1350.3
27.5°	1384.4	1343.5	1301.3	1280.8	1259.0	1252.2	1245.4	1235.9	1248.1	1248.1	1246.8
30°	1287.7	1244.1	1200.5	1174.6	1148.7	1151.4	1152.8	1150.0	1158.2	1163.7	1167.7
32.5°	1208.6	1166.4	1124.1	1098.3	1071.0	1066.9	1062.8	1060.1	1077.8	1087.4	1096.9
35°	1137.8	1091.4	1045.1	1020.6	996.1	986.5	977.0	970.2	986.5	998.8	1011.0
37.5°	1090.1	1042.4	993.3	970.2	945.6	933.4	921.1	912.9	919.8	925.2	930.7
40°	1051.9	1002.9	952.5	925.2	898.0	885.7	873.4	866.6	870.7	872.1	873.4
42.5°	1016.5	968.8	921.1	891.1	859.8	844.8	829.8	821.6	824.4	827.1	828.5
45°	990.6	942.9	893.9	858.4	821.6	805.3	788.9	779.4	780.8	780.8	780.8
47.5°	1015.1	945.6	874.8	833.9	791.7	772.6	753.5	744.0	741.3	738.5	735.8
50°	1105.1	986.5	866.6	814.8	761.7	741.3	719.5	708.6	701.7	699.0	696.3
52.5°	1079.2	977.0	873.4	806.7	738.5	714.0	689.5	671.8	664.9	660.9	656.8
55°	987.9	923.8	858.4	778.0	697.7	675.8	652.7	640.4	628.2	625.4	622.7
57.5°	868.0	842.1	816.2	734.4	652.7	632.2	610.4	602.3	591.4	591.4	590.0
60°	726.3	764.4	802.6	708.6	613.2	590.0	566.8	560.0	555.9	554.6	553.2
62.5°	652.7	715.4	776.7	677.2	576.4	551.9	527.3	519.2	517.8	519.2	519.2
65°	590.0	609.1	628.2	581.8	535.5	511.0	485.1	476.9	479.6	483.7	487.8
67.5°	532.8	528.7	524.6	508.2	490.5	470.1	448.3	440.1	441.5	446.9	452.4
70°	478.3	472.8	466.0	453.7	441.5	423.8	406.1	400.6	399.2	406.1	411.5
72.5°	423.8	417.0	408.8	399.2	388.3	373.4	358.4	354.3	355.6	359.7	363.8
75°	363.8	358.4	351.6	343.4	333.8	320.2	306.6	303.9	306.6	310.7	314.8
77.5°	298.4	297.0	294.3	287.5	280.7	265.7	249.4	248.0	252.1	256.2	258.9
80°	233.0	234.4	235.7	230.3	224.8	208.5	190.8	189.4	193.5	197.6	201.7
82.5°	171.7	175.8	178.5	171.7	164.9	145.8	126.7	124.0	137.6	141.7	145.8
85°	99.5	104.9	110.4	104.9	99.5	80.4	61.3	60.0	72.2	79.0	85.8
87.5°	8.2	10.9	13.6	12.3	10.9	5.5	0.0	0.0	1.4	6.8	12.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
 CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
 CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	8874.6	8821.5	8805.1	8788.8	8728.8	8667.5	8730.2	8791.5	8817.4	8843.3	8776.5
5°	7216.3	7206.8	7206.8	7205.4	7150.9	7095.1	7137.3	7178.2	7086.9	6995.6	6986.1
7.5°	5408.2	5466.8	5514.4	5560.8	5543.1	5525.3	5564.9	5604.4	5488.6	5371.4	5314.1
10°	4004.7	4016.9	4068.7	4120.5	4132.8	4143.7	4192.7	4240.4	4150.5	4060.5	4021.0
12.5°	3124.4	3059.0	3065.9	3071.3	3095.8	3119.0	3170.8	3221.2	3184.4	3146.2	3150.3
15°	2530.3	2447.2	2413.2	2377.7	2405.0	2432.2	2469.0	2504.5	2505.8	2505.8	2541.2
17.5°	2065.7	2023.5	1989.4	1954.0	1990.8	2026.2	2030.3	2034.4	2035.7	2037.1	2034.4
20°	1692.3	1712.8	1701.9	1691.0	1704.6	1716.9	1727.8	1737.3	1725.1	1711.4	1677.4
22.5°	1483.9	1501.6	1515.2	1527.5	1550.6	1572.4	1561.5	1549.3	1524.7	1498.9	1473.0
25°	1362.6	1374.9	1388.5	1402.1	1421.2	1438.9	1419.8	1400.8	1383.0	1365.3	1347.6
27.5°	1260.4	1272.7	1284.9	1295.8	1313.5	1329.9	1312.2	1294.5	1279.5	1264.5	1250.9
30°	1177.3	1185.5	1195.0	1204.5	1220.9	1235.9	1220.9	1204.5	1193.6	1181.4	1171.8
32.5°	1106.4	1114.6	1118.7	1122.8	1137.8	1152.8	1141.9	1131.0	1121.4	1111.9	1105.1
35°	1028.8	1045.1	1047.8	1050.6	1065.6	1080.5	1073.7	1065.6	1054.7	1043.8	1031.5
37.5°	949.7	968.8	979.7	989.2	1004.2	1019.2	1012.4	1005.6	990.6	975.6	953.8
40°	883.0	891.1	911.6	930.7	955.2	978.3	964.7	949.7	926.6	903.4	892.5
42.5°	827.1	825.7	844.8	863.9	900.7	936.1	911.6	887.1	865.3	843.4	840.7
45°	778.0	774.0	783.5	793.0	832.5	870.7	846.2	820.3	808.0	795.8	795.8
47.5°	734.4	731.7	738.5	744.0	768.5	791.7	779.4	767.1	760.3	753.5	754.9
50°	694.9	692.2	699.0	704.5	714.0	722.2	724.9	726.3	722.2	718.1	720.8
52.5°	658.1	658.1	660.9	662.2	674.5	686.8	686.8	685.4	685.4	685.4	688.1
55°	626.8	629.5	629.5	629.5	648.6	666.3	660.9	655.4	656.8	656.8	659.5
57.5°	595.5	599.5	602.3	605.0	624.1	643.1	637.7	632.2	632.2	632.2	633.6
60°	560.0	565.5	570.9	576.4	595.5	614.5	609.1	602.3	603.6	605.0	606.4
62.5°	526.0	531.4	536.9	542.3	561.4	580.5	575.0	568.2	572.3	575.0	575.0
65°	493.3	497.3	502.8	508.2	526.0	543.7	538.2	532.8	538.2	542.3	545.0
67.5°	456.5	459.2	464.6	470.1	487.8	505.5	500.1	493.3	500.1	505.5	511.0
70°	414.2	417.0	423.8	429.2	446.9	464.6	457.8	451.0	457.8	464.6	470.1
72.5°	367.9	370.6	377.4	382.9	403.3	423.8	415.6	407.4	415.6	423.8	426.5
75°	317.5	320.2	328.4	335.2	355.6	376.1	369.3	361.1	367.9	374.7	376.1
77.5°	263.0	267.1	278.0	288.9	305.2	321.6	317.5	313.4	317.5	321.6	321.6
80°	205.8	209.8	223.5	235.7	245.3	254.8	256.2	257.5	258.9	260.3	258.9
82.5°	152.6	158.1	170.3	182.6	182.6	182.6	193.5	203.0	203.0	201.7	200.3
85°	94.0	100.8	111.7	122.6	115.8	109.0	126.7	143.1	143.1	141.7	139.0
87.5°	19.1	25.9	36.8	46.3	39.5	32.7	50.4	68.1	69.5	69.5	66.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
 CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
 CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	8708.4	8814.7	8919.6	8946.8	8987.7	9005.4	9021.8	9155.3	9287.5	9442.8	9598.2
5°	6975.1	7054.2	7133.2	7145.5	7187.7	7209.5	7231.3	7393.5	7554.3	7770.9	7987.6
7.5°	5256.9	5276.0	5295.1	5292.3	5327.8	5375.5	5421.8	5594.8	5766.5	5999.5	6231.2
10°	3981.5	4025.1	4067.4	4106.9	4184.5	4274.5	4363.0	4540.2	4717.3	4947.6	5176.5
12.5°	3154.4	3204.8	3253.9	3297.5	3387.4	3507.3	3625.9	3838.4	4051.0	4326.3	4600.1
15°	2575.3	2571.2	2567.1	2597.1	2676.1	2807.0	2936.4	3161.2	3386.1	3688.6	3989.7
17.5°	2031.6	2011.2	1990.8	2013.9	2087.5	2195.1	2301.4	2492.2	2681.6	2974.6	3267.5
20°	1643.3	1629.7	1616.0	1637.8	1684.2	1729.1	1774.1	1911.7	2048.0	2286.4	2523.5
22.5°	1445.7	1444.4	1441.6	1453.9	1475.7	1498.9	1520.7	1587.4	1652.8	1806.8	1959.4
25°	1329.9	1328.5	1327.2	1332.6	1350.3	1368.1	1385.8	1429.4	1473.0	1546.6	1620.1
27.5°	1237.2	1234.5	1231.8	1233.2	1237.2	1264.5	1290.4	1310.8	1329.9	1380.3	1429.4
30°	1162.3	1160.9	1159.6	1159.6	1155.5	1165.0	1174.6	1205.9	1235.9	1287.7	1339.4
32.5°	1098.3	1091.4	1084.6	1069.6	1060.1	1073.7	1087.4	1120.1	1152.8	1200.5	1248.1
35°	1017.9	1000.1	981.1	972.9	974.3	987.9	1001.5	1034.2	1065.6	1117.3	1167.7
37.5°	930.7	925.2	918.4	917.0	921.1	934.7	948.4	977.0	1004.2	1056.0	1106.4
40°	881.6	878.9	876.2	873.4	876.2	889.8	903.4	930.7	956.5	1007.0	1056.0
42.5°	838.0	836.6	835.3	835.3	836.6	851.6	866.6	893.9	919.8	964.7	1009.7
45°	795.8	797.1	797.1	799.8	803.9	818.9	832.5	862.5	892.5	936.1	979.7
47.5°	756.2	760.3	763.1	769.9	774.0	790.3	805.3	838.0	870.7	925.2	978.3
50°	722.2	726.3	729.0	734.4	745.3	764.4	783.5	823.0	861.2	925.5	1042.4
52.5°	690.8	694.9	699.0	704.5	718.1	739.9	761.7	810.7	858.4	964.7	1071.0
55°	662.2	666.3	669.0	677.2	690.8	709.9	727.6	787.6	847.5	925.2	1002.9
57.5°	635.0	639.1	641.8	647.2	654.0	674.5	693.6	757.6	821.6	876.2	929.3
60°	606.4	609.1	610.4	610.4	615.9	639.1	662.2	744.0	824.4	814.8	803.9
62.5°	575.0	577.7	579.1	575.0	581.8	606.4	630.9	737.2	843.4	778.0	712.6
65°	546.4	545.0	543.7	539.6	547.8	572.3	595.5	648.6	701.7	675.8	650.0
67.5°	515.1	511.0	506.9	501.4	509.6	531.4	551.9	569.6	587.3	590.0	592.7
70°	475.5	470.1	464.6	463.3	467.4	485.1	502.8	515.1	526.0	531.4	535.5
72.5°	429.2	425.1	421.0	418.3	419.7	434.7	448.3	459.2	470.1	474.2	476.9
75°	377.4	377.4	376.1	367.9	367.9	380.2	391.1	400.6	410.1	415.6	421.0
77.5°	321.6	322.9	322.9	312.0	310.7	322.9	333.8	342.0	348.8	354.3	358.4
80°	257.5	254.8	252.1	245.3	242.5	257.5	271.2	278.0	283.4	284.8	284.8
82.5°	197.6	192.1	185.3	170.3	171.7	188.0	203.0	208.5	213.9	213.9	213.9
85°	134.9	124.0	111.7	99.5	100.8	118.5	134.9	140.3	145.8	148.5	149.9
87.5°	64.0	53.1	40.9	31.3	31.3	46.3	60.0	62.7	65.4	70.9	76.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
 CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659

CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	9716.7	9833.9	9955.2	10076.4	10215.4	10354.4	10516.5	10677.3	10815.0	10952.6	11067.0
5°	8174.2	8360.9	8580.3	8799.7	9079.0	9358.3	9700.4	10041.0	10344.9	10648.7	11001.6
7.5°	6475.1	6717.6	7003.8	7289.9	7651.0	8012.1	8454.9	8897.8	9327.0	9754.9	10297.2
10°	5431.3	5686.1	5968.2	6248.9	6616.8	6983.3	7452.1	7919.4	8401.8	8882.8	9496.0
12.5°	4883.6	5165.6	5413.6	5661.6	5960.0	6257.1	6710.8	7164.6	7731.4	8296.9	8886.9
15°	4299.0	4607.0	4904.0	5201.0	5526.7	5851.0	6292.5	6734.0	7354.0	7973.9	8652.5
17.5°	3591.8	3916.1	4278.6	4639.7	5064.8	5488.6	6054.0	6619.5	7354.0	8087.0	8886.9
20°	2854.6	3185.8	3619.1	4052.4	4581.1	5108.4	5841.5	6574.5	7563.8	8551.7	9572.3
22.5°	2252.4	2544.0	3016.8	3488.3	4098.7	4709.1	5649.3	6588.2	7881.3	9173.0	10550.6
25°	1825.9	2031.6	2496.3	2959.6	3664.0	4368.5	5532.2	6694.5	8343.2	9990.6	11699.3
27.5°	1564.3	1699.2	2132.5	2564.4	3334.3	4102.8	5484.5	6864.8	8929.1	10993.5	12948.8
30°	1433.5	1527.5	1894.0	2259.2	3041.3	3823.5	5427.2	7031.0	9493.2	11954.1	13925.8
32.5°	1324.4	1399.4	1712.8	2024.8	2787.9	3550.9	5316.9	7081.4	9887.0	12692.6	14752.9
35°	1231.8	1294.5	1567.0	1839.5	2588.9	3338.4	5131.6	6924.7	10133.7	13342.6	15614.0
37.5°	1156.8	1205.9	1458.0	1710.1	2417.3	3124.4	4920.3	6716.3	10353.0	13989.8	16582.8
40°	1098.3	1140.5	1376.2	1612.0	2253.7	2895.5	4739.1	6581.4	10655.5	14729.7	17606.2
42.5°	1065.6	1120.1	1305.4	1489.3	2098.4	2707.5	4593.3	6479.2	10936.2	15391.9	18501.4
45°	1057.4	1135.0	1268.6	1402.1	1982.6	2563.1	4463.9	6363.3	11117.5	15871.6	19175.9
47.5°	1043.8	1107.8	1240.0	1372.1	1925.4	2477.2	4394.4	6310.2	11298.7	16285.8	19735.9
50°	1051.9	1060.1	1216.8	1372.1	1917.2	2462.2	4473.4	6484.6	11691.1	16896.2	20376.3
52.5°	1036.9	1001.5	1173.2	1344.9	1915.8	2486.7	4701.0	6915.2	12420.1	17923.6	21069.9
55°	957.9	911.6	1091.4	1271.3	1887.2	2501.7	4972.1	7441.2	13398.4	19354.4	22316.7
57.5°	888.4	846.2	998.8	1150.0	1800.0	2450.0	5251.5	8051.6	14432.7	20812.4	23721.5
60°	795.8	786.2	895.2	1004.2	1665.1	2324.6	5481.7	8637.5	15127.6	21616.3	24262.5
62.5°	719.5	724.9	805.3	885.7	1496.1	2105.2	5558.0	9009.5	15108.5	21207.5	23717.4
65°	660.9	670.4	749.4	828.5	1351.7	1874.9	5307.3	8738.4	14344.1	19948.5	22639.6
67.5°	603.6	614.5	708.6	801.2	1223.6	1644.7	4680.5	7715.0	12969.2	18222.1	21268.8
70°	549.1	562.8	664.9	767.1	1131.0	1493.4	3872.5	6251.6	11248.3	16243.6	19681.4
72.5°	490.5	504.2	613.2	722.2	1072.4	1421.2	3157.1	4891.7	9128.1	13363.0	16834.9
75°	430.6	440.1	558.7	675.8	992.0	1308.1	2477.2	3645.0	6986.1	10327.1	12715.8
77.5°	370.6	382.9	482.4	580.5	842.1	1102.3	1866.8	2631.2	5126.1	7619.7	8843.3
80°	295.7	306.6	377.4	446.9	650.0	851.6	1283.6	1715.5	3527.8	5340.0	6029.5
82.5°	226.2	238.5	286.1	332.5	463.3	594.1	778.0	962.0	2343.7	3724.0	3781.2
85°	155.3	159.4	193.5	226.2	286.1	346.1	445.6	545.0	1550.6	2556.2	2129.7
87.5°	77.7	77.7	100.8	124.0	154.0	184.0	235.7	286.1	496.0	705.8	406.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
 CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





REPORT NUMBER: P320659

CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	11212.8	11312.3	11413.1	11489.4	11567.1	11678.8	11790.6	11811.0	11832.8	11789.2	11745.6
5°	11357.3	11658.4	11960.9	12240.2	12519.6	12687.2	12854.8	12888.8	12922.9	12818.0	12711.7
7.5°	10821.8	11346.4	11871.0	12352.0	12833.0	13124.6	13417.5	13482.9	13549.7	13378.0	13206.3
10°	10106.4	10750.9	11395.4	12029.0	12662.6	13086.4	13510.2	13594.7	13679.1	13465.2	13251.3
12.5°	9553.2	10241.3	10929.4	11597.1	12266.1	12704.9	13143.6	13248.6	13353.5	13198.1	13041.4
15°	9382.9	10030.1	10677.3	11259.2	11842.4	12200.7	12560.4	12602.7	12646.3	12621.8	12597.2
17.5°	9692.2	10276.7	10862.6	11178.8	11496.3	11639.3	11783.8	11830.1	11877.8	11939.1	12001.8
20°	10441.6	10853.1	11266.0	11252.4	11237.4	11167.9	11097.0	11084.8	11072.5	11248.3	11425.4
22.5°	11560.3	11723.8	11888.7	11505.8	11122.9	10889.9	10655.5	10609.2	10561.5	10748.2	10936.2
25°	12774.4	12744.4	12713.1	11984.1	11253.7	10809.5	10365.3	10313.5	10261.7	10421.2	10582.0
27.5°	13976.2	13780.0	13583.8	12593.2	11602.5	10958.0	10313.5	10261.7	10210.0	10351.7	10493.4
30°	14857.8	14543.0	14228.3	13106.9	11985.4	11219.6	10453.9	10369.4	10283.5	10458.0	10632.4
32.5°	15545.9	15123.5	14701.1	13523.8	12346.5	11518.1	10689.6	10557.4	10425.3	10658.3	10891.3
35°	16232.7	15638.6	15043.1	13895.8	12747.1	11871.0	10993.5	10831.3	10669.2	10989.4	11309.6
37.5°	17096.5	16243.6	15389.2	14314.1	13239.0	12399.7	11558.9	11392.7	11226.5	11633.9	12042.7
40°	18034.0	16896.2	15758.5	14771.9	13785.4	13131.4	12476.0	12317.9	12158.5	12654.5	13150.5
42.5°	18813.4	17504.0	16194.5	15323.8	14451.7	13991.2	13529.3	13527.9	13525.2	14028.0	14530.8
45°	19447.0	18010.8	16573.3	15862.0	15149.4	14909.6	14669.8	14861.9	15054.0	15507.8	15962.9
47.5°	19919.9	18436.0	16950.7	16477.9	16005.1	16040.5	16076.0	16467.0	16858.1	17149.7	17442.6
50°	20227.8	18821.6	17414.0	17268.2	17122.4	17439.9	17758.8	18207.1	18656.7	18855.7	19054.6
52.5°	20676.1	19344.8	18012.2	18175.7	18339.2	18987.8	19636.4	20090.2	20543.9	20617.5	20692.4
55°	21713.0	20306.8	18899.3	19212.7	19527.4	20478.5	21431.0	21785.3	22139.5	22166.8	22194.0
57.5°	23186.0	21654.4	20122.9	20460.8	20798.7	21897.0	22996.6	23378.1	23761.0	23707.9	23653.4
60°	24288.3	22933.9	21578.1	21918.8	22259.4	23330.4	24401.4	24840.2	25280.3	25163.1	25046.0
62.5°	24356.5	23632.9	22908.0	23216.0	23525.3	24574.5	25623.7	26074.7	26525.7	26321.3	26117.0
65°	23273.2	23597.5	23921.8	24024.0	24126.2	25104.5	26084.3	26429.0	26775.1	26671.5	26568.0
67.5°	21781.2	22976.2	24172.5	23966.8	23761.0	24220.2	24679.4	25035.1	25390.7	25332.1	25272.1
70°	20291.8	21887.4	23483.1	22472.0	21459.6	21270.2	21080.8	21463.7	21847.9	21610.8	21372.4
72.5°	17756.0	19456.6	21158.5	19295.8	17433.1	16785.9	16138.6	16625.1	17111.5	16734.1	16355.3
75°	13938.0	15817.1	17697.5	15475.0	13252.6	12388.8	11524.9	11943.2	12361.5	12102.6	11842.4
77.5°	10376.2	12228.0	14079.7	11820.6	9560.0	8918.2	8275.1	8399.1	8524.4	8480.8	8435.9
80°	7037.8	8328.2	9620.0	8115.6	6611.3	6660.4	6710.8	6652.2	6592.3	6679.5	6766.7
82.5°	4491.1	5487.2	6484.6	5686.1	4887.6	5345.5	5803.3	5578.5	5352.3	5435.4	5519.9
85°	2563.1	3537.3	4512.9	4206.3	3898.4	4165.5	4433.9	4085.1	3736.2	3888.9	4042.8
87.5°	675.8	1956.7	3238.9	2940.5	2642.1	2296.0	1949.9	1488.0	1026.0	1498.9	1971.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659

CATALOG NUMBER: GAN-SA5D-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
0°	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0	10383.0
2.5°	11722.4	11699.3	11616.2	11531.7	11406.3	11302.8	11122.9
5°	12564.5	12417.4	12163.9	11909.1	11625.7	11300.0	10939.0
7.5°	12862.9	12518.2	12031.8	11543.9	11105.2	10590.1	10110.5
10°	12736.2	12219.8	11587.6	10953.9	10421.2	9828.4	9295.7
12.5°	12493.7	11944.6	11248.3	10550.6	9944.3	9307.9	8711.1
15°	12159.8	11721.1	11068.4	10415.7	9805.3	9186.6	8479.5
17.5°	11794.7	11586.2	11114.7	10641.9	10113.2	9513.7	8683.9
20°	11500.3	11576.7	11388.6	11200.6	10776.8	10253.6	9321.5
22.5°	11301.4	11667.9	11812.4	11958.2	11703.4	11294.6	10216.8
25°	11189.7	11797.4	12281.1	12766.2	12653.1	12338.3	11304.1
27.5°	11238.7	11984.1	12734.9	13487.0	13591.9	13504.7	12450.1
30°	11385.9	12140.8	13055.1	13970.7	14389.1	14506.2	13405.3
32.5°	11631.2	12371.0	13367.1	14364.5	14996.8	15370.1	14278.7
35°	12001.8	12694.0	13732.3	14770.6	15588.1	16269.4	15180.7
37.5°	12638.1	13233.6	14191.5	15150.8	16210.9	17234.2	16174.1
40°	13570.1	13991.2	14800.6	15611.3	16945.3	18327.0	17281.9
42.5°	14746.1	14962.7	15604.5	16246.3	17712.4	19318.9	18365.1
45°	16020.1	16077.3	16480.6	16885.3	18320.2	19994.8	19178.6
47.5°	17246.4	17050.2	17211.0	17371.8	18786.2	20477.2	19795.9
50°	18508.2	17961.8	17877.3	17792.8	19252.2	21045.4	20580.7
52.5°	19791.8	18891.1	18557.3	18222.1	19808.1	21798.9	21557.7
55°	21048.1	19902.1	19452.5	19002.8	20658.4	22718.6	22992.5
57.5°	22354.8	21056.3	20639.3	20222.3	21907.9	23883.7	24280.2
60°	23761.0	22474.7	22140.9	21805.7	23461.2	25142.7	24853.8
62.5°	25095.0	24073.1	23897.3	23720.1	25032.3	26110.1	24630.4
65°	25986.1	25403.0	25566.5	25731.3	26220.5	26351.3	23976.3
67.5°	25390.7	25509.2	26200.1	26892.3	26555.7	25634.6	22687.3
70°	22082.3	22793.6	24430.1	26067.9	25321.2	23714.7	20373.6
72.5°	17153.8	17953.6	20383.1	22814.0	22125.9	20158.3	16734.1
75°	12744.4	13647.8	16329.4	19011.0	18055.8	15078.5	11981.3
77.5°	9040.9	9645.8	12293.4	14942.3	13384.8	10036.9	8062.5
80°	6581.4	6396.0	7871.7	9347.4	9088.5	6638.6	5177.9
82.5°	5067.5	4615.1	5310.1	6005.0	5966.8	4607.0	3798.9
85°	3861.6	3680.4	4294.9	4909.4	4383.5	3120.4	2414.5
87.5°	2251.0	2531.7	3255.3	3980.2	2986.8	947.0	468.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P320659  
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**CANDELA DISTRIBUTION (continued):**

	330°	335°	340°	345°	350°	355°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)